CIVIL QUALITY CONSULTANTS & ENGINEERS

(Buildings Geo-Tech & Highway Materials Testing Laboratory)
An ISO 9001: 2015 Certified Company
NABL Accredited As Per ISO/IEC : 17025:2005 Laboratory

JAS-ANZ
ISO 9001:2000 CERTIFIED

Job No.: CQCE/BBMP/KRIDL/W.No.16/2018-19 Date: 02.11.2018

TEST REPORT ON CEMENT MORTAR CUBES

Client : **Executive Engineer,** Project Division (RR Nagara Zone), BBMP, Bangalore.

Contractor : **Executive Engineer-03,** KRIDL, Bangalore.

Name of the work : Construction of Organic Pits in Parks at Ward No.16, Jallahalli, BBMP, Bangalore.

Sample ID : Cement Mortar

Size of cubes : 50mmx50mmx50mm

Cross Sectional Area : 2500 mm^2

Technical Reference : IS: 516-1959 (Reaffirmed 2008)

Compressive Strength as on : 28th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	05.10.2018	02.11.2018	0.763	13.5	5.40
3	05.10.2018	02.11.2018	0.754	13.7	5.48
3	05.10.2018	02.11.2018	0.782	12.8	5.12

Note:-

1. The report shall not be reproduced, except in full, without the written approval of the laboratory.
2. The results indicated above are based on the tests carried out on the samples received in the laboratory.
3. Any Query regarding the report must be reported within 30 days from the date of testing.

For CIVIL QUALITY CONSULTANTS & ENGINEERS

Authorised Signatory

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ರಾಜರಾಜೇಶ್ವರಿನಗರ ಯೋಜನೆ ಉಪ-ವಿಭಾಗ-02
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ

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Job No.: CQCE/BBMP/KRIDL/W.No.16/2018-19 : 04.10.2018

TEST REPORT ON SOLID CONCRETE BLOCKS

Client : **Executive Engineer,** Project Division (RR Nagara Zone), BBMP, Bangalore.

Agency : **Executive Engineer-03,** KRIDL, Bangalore.

Name of the Work : Construction of Organic Pits in Parks at Ward No.16, Jallahalli, BBMP, Bangalore.

Date of Testing : 04.10.2018

Size of Blocks : 400mm x 150mm x 200mm

Cross Sectional Area : 60000 mm^2

Technical Reference : IS: 2185 (Part 1) - 2005

No. of Blocks Tested : 04

Sl.No.	Block ID	Wt. in Kg	Failure load (KN)	Compressive strength (N/mm^2)	Requirement as per IS 2185 (Part 1) - 2005
1	Block 1	33.5	227.2	3.79	Minimum required Compressive Strength of Individual Units 3.50 N/mm^2
2	Block 2	35.9	229.5	3.83	
3	Block 3	34.6	223.4	3.72	
4	Block 4	35.1	228.7	3.81	

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Job No.: CQCE/BBMP/KRIDL/W.No.16/2018-19 Date: 17.10.2018

TEST REPORT ON CONCRETE CUBES

Client : **Executive Engineer,** Project Division (RR Nagara Zone), BBMP, Bangalore.
Contractor : **Executive Engineer-03,** KRIDL, Bangalore.
Name of the work : Construction of Organic Pits in Parks at Ward No.16, Jallahalli, BBMP, Bangalore.
Sample ID : Cement Concrete
Size of cubes : 150mmx150mmx150mm
Cross Sectional Area : 22500 mm^2
Technical Reference : IS: 516-1959 (Reaffirmed 2008)
Grade of Concrete : M_{15}
Compressive Strength as on : 7th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	10.10.2018	17.10.2018	8.126	278.9	12.40
2	10.10.2018	17.10.2018	8.134	253.6	11.27
3	10.10.2018	17.10.2018	8.152	268.4	11.93

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Job No.: CQCE/BBMP/KRIDL/W.No.16/2018-19 Date: 07.11.2018

TEST REPORT ON CONCRETE CUBES

Client : **Executive Engineer,** Project Division (RR Nagara Zone), BBMP, Bangalore.
Contractor : **Executive Engineer-03,** KRIDL, Bangalore.
Name of the work : Construction of Organic Pits in Parks at Ward No.16, Jallahalli, BBMP, Bangalore.
Sample ID : Cement Concrete
Size of cubes : 150mmx150mmx150mm
Cross Sectional Area : 22500 mm^2
Technical Reference : IS: 516-1959 (Reaffirmed 2008)
Grade of Concrete : M_{15}
Compressive Strength as on : 28th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	10.10.2018	07.11.2018	8.174	416.3	18.50
2	10.10.2018	07.11.2018	8.196	389.7	17.32
3	10.10.2018	07.11.2018	8.182	396.5	17.62

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